

# PATENT ABSTRACTS OF JAPAN

(11)Publication number : 2002-179870

(43)Date of publication of application : 26.06.2002

---

(51)Int.Cl. C08L 27/12  
C08J 3/03  
C08J 3/075  
C08K 5/06  
// B01F 17/42

---

(21)Application number : 2000-375756 (71)Applicant : DAIKIN IND LTD

(22)Date of filing : 11.12.2000 (72)Inventor : MIURA TOSHIRO  
HAYASHI TADAO

---

## (54) ECO-FRIENDLY AQUEOUS DISPERSION OF FLUORINE-CONTAINING POLYMER HAVING EXCELLENT DISPERSION STABILITY

### (57)Abstract:

PROBLEM TO BE SOLVED: To provide an eco-friendly aqueous dispersion of a fluorine-containing polymer capable of stably keeping the dispersion stability even under the application of mechanical force.

SOLUTION: The eco-friendly aqueous dispersion of a fluorine-containing polymer having excellent dispersion stability contains 40-70 wt.% fluorine-containing polymer particles and 3-20 pts.wt. (based on 100 pts.wt. of the polymer particles) of a nonionic surfactant. The nonionic surfactant is a polyoxyalkylene-type nonionic surfactant having a ≥16C straight or branched-chain alkyl group on the terminal and free from alkylphenol structure.

---

### LEGAL STATUS

[Date of request for examination]

[Date of sending the examiner's decision of rejection]

[Kind of final disposal of application other than the examiner's decision of rejection or application converted registration]

[Date of final disposal for application]

[Patent number]

[Date of registration]

[Number of appeal against examiner's  
decision of rejection]

[Date of requesting appeal against examiner's  
decision of rejection]

[Date of extinction of right]

Copyright (C); 1998,2003 Japan Patent Office